



EIF4EBP3 mouse mAb

Catalog No	YP-Ab-04500
Isotype	IgG
Reactivity	Transfected
Applications	WB
Gene Name	eif4ebp3
Immunogen	Recombinant protein of human EIF4EBP3.
Specificity	Transfected Only.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Dilution	wb dilution 1:1000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EIF4EBP3;4E BP3;4E-BP3;4EBP3;eIF4E binding protein 3;Eukaryotic initiation factor 4E binding protein 3;Eukaryotic translation initiation factor 4E binding protein 3;OTTHUMP00000159879.
Observed Band	11kD
Calculated Molecular Weight	11kD
Cell Pathway	cytoplasm,membrane,eukaryotic translation initiation factor 4F complex,
Tissue Specificity	Expression is highest in skeletal muscle, heart, kidney, and pancreas, whereas there is very little expression in brain and thymus.
Function	function:May play a role as a scaffolding protein that may be associated with the abnormal phenotype of leukemia cells. Isoform 2 may possess an antiapoptotic effect and protect cells during normal cell survival through its regulation of caspases.,function:Regulates eIF4E activity by preventing its assembly into the eIF4F complex.,PTM:Phosphorylated.,similarity:Belongs to the eIF4E-binding protein family.,similarity:Belongs to the mask family.,similarity:Contains 1 KH domain.,similarity:Contains 25 ANK repeats.,subunit:EIF4EBP3 interacts with EIF4E.,subunit:Interacts with PTPN11. Isoform 2 interacts with VPR.,tissue specificity:Expression is highest in skeletal muscle, heart, kidney, and pancreas, whereas there is very little expression in brain and thymus.,tissue



specificity: Ubiquitous with high expression in cervix, spleen and brain.
Expressed in hematopoietic cells with increased expr

Background

eukaryotic translation initiation factor 4E binding protein 3 (EIF4EBP3) Homo sapiens This gene encodes a member of the EIF4EBP family, which consists of proteins that bind to eukaryotic translation initiation factor 4E and regulate its assembly into EIF4F, the multi-subunit translation initiation factor that recognizes the mRNA cap structure. Read-through transcription from the neighboring upstream gene (MASK or ANKHD1) generates a transcript (MASK-BP3) that encodes a protein comprised of the MASK protein sequence for the majority of the protein and a different C-terminus due to an alternate reading frame for the EIF4EBP3 segments. [provided by RefSeq, Oct 2010],

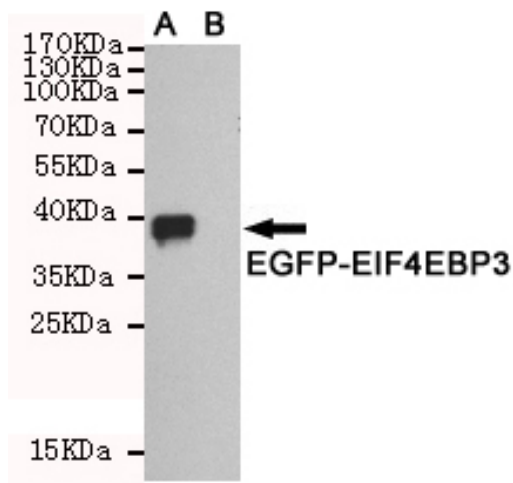
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot detection of EIF4EBP3 in CHO-K1 cell lysate (B) and CHO-K1 transfected by EGFP-EIF4EBP3 fragment (A) cell lysate using EIF4EBP3 mouse mAb (1:1000 diluted).